794816-2 ✔ ACTIVE

MATE-N-LOK | Universal MATE-N-LOK

TE Internal #: 794816-2

6 Position, Plug, Housing, Crimp, Wire-to-Board / Wire-to-Wire, UL 94V-2, 6.35 mm [.25 in] Centerline, 2 Row, 600 VAC, Universal MATE-N-LOK

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors







Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Board, Wire-to-Wire**

Contact Retention Within Housing: **Without**

UL Flammability Rating: **UL 94V-2**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Board, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	6
Number of Rows	2

Electrical Characteristics

Operating Voltage	600 VAC

Body Features

Primary Product Color	Natural

Contact Features

Multiple Contact Types	Without
Contact Layout	Matrix
Contact Retention Within Housing	Without
Contact Type	Socket

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	6.35 mm[.25 in]
Housing Material	Nylon

Dimensions

Row-to-Row Spacing	6.35 mm[.25 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Operation/Application

Circuit Application	Power & Signal

Industry Standards

Compatible With Agency/Standards Products	UL, VDE
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-2
Glow Wire Rating	GWT 750°C (Without Flame)

Packaging Features

Packaging Quantity	1
Packaging Method	Package

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts



TE Part # 2029367-1
06P UMNL-II TW-N-LK-CAP FRONT



TE Part # 350781-1
06P UMNL CAP HSG



TE Part # 1-480704-0
06P UMNL PLUG HSG NATL



TE Part # 2029369-1
06P UMNL-II REAR, TW-N-LK-CAP



TE Part # 794096-1
06P UMNL PLUG



TE Part # 794714-1
06P UMNL CAP HSG NATL,PAN MNT



TE Part # 794816-1
06P UMNL PLUG,VO



TE Part # 1-480704-9
06P UMNL PLUG HSG BLK



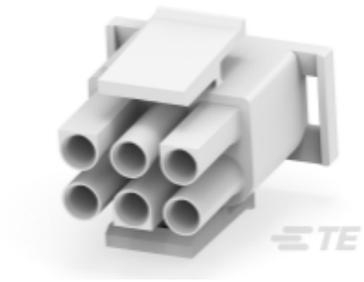
TE Part # 1586887-1
06P UMNL CAP HSG, P/M, GW



TE Part # 1644055-1
UNIV MATE-N-LOK HOUSING 6W



TE Part # 2178773-1
UMNL 6 WAY CAP HOUSING



TE Part # 3-480704-0
06P UMNL PLUG HSG NATL



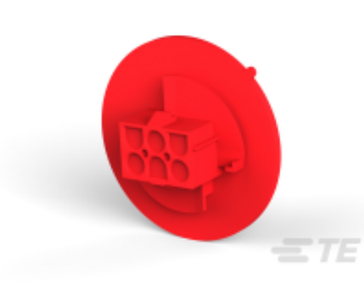
TE Part # 770027-1
06P UMNLII IN-LINE CAP HSG KIT



TE Part # 794536-1
06P UMNL CAP HSG 150C BLK



TE Part # 770051-1
06P UMNL II CAP-FRONT 94VO



TE Part # 794714-3
06P UMNL CAP HSG RED,PAN MNT



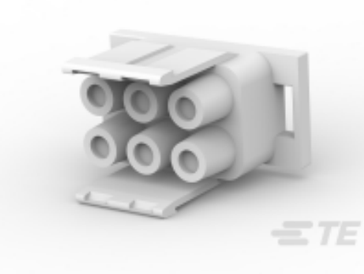
TE Part # 926682-3
06P UNIV.M-N-L.HSG.



TE Part # 1-480705-4
06P UMNL CAP HSG YELL

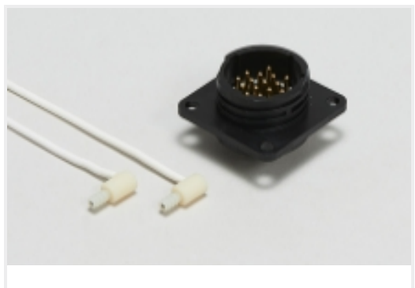


TE Part # 1-480705-9
06P UMNL CAP HSG BLK



TE Part # 770052-1
06P UMNL II CAP REAR 94VO

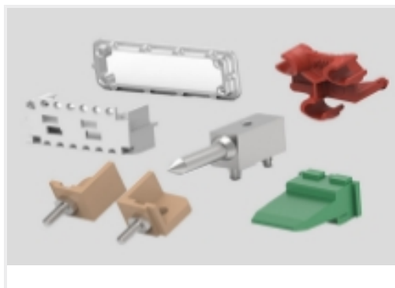
Also in the Series | Universal MATE-N-LOK



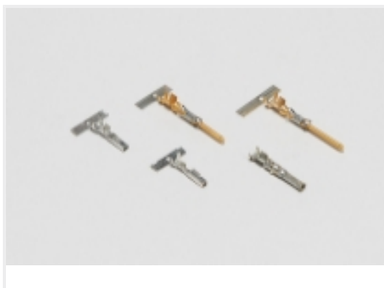
Circular Power Connectors(2)



Connector Contacts(206)



Connector Hardware(12)



Power Contacts(206)



Rectangular Power Connectors(642)



Standard Circular Connectors(1)

Customers Also Bought



TE Part #41802
250 FASTON FLAG REC 18-12 AWG TPBR



TE Part #172169-1
9 CIR UNIV M-N-L PLUG



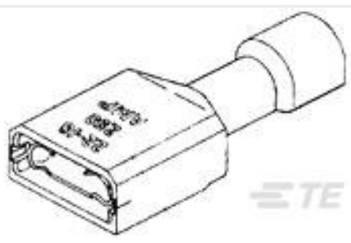
TE Part #320862
TERMINAL,PIDG SPD FLG 16-14 8



TE Part #321519
SPLICE,CE 22-10



TE Part #350690-3
UMNL PIN 24-18 PTPPHBZ L/P



TE Part #2-520275-2
ULTRAFAST 187 ASSY REC 22-18 TPBR LP



TE Part #770476-1
SL156 RECPT, SNNI/PHBZ



TE Part #8-1393211-6
T92S11A22-24



TE Part #1586853-1
09P UMNL CAP HSG, GW



TE Part #1-1649341-7
T9CP5A54-24

Documents

Product Drawings

06P UMNL PLUG, GWI-V2

English

CAD Files

Customer View Model

ENG_CVM_CVM_794816-2_D1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_794816-2_D1.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_794816-2_D1.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

VDE Certificate

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English